

P801879/WO/1  
DaimlerChrysler AG

Abstract

The invention relates to a method for operating a compression ignition internal combustion engine, in which a metered quantity of fuel is injected into the combustion chamber by means of the engine control device in such a manner that a combustion center of gravity is at a constant and predetermined crank angle position, independently of the load point of the internal combustion engine. In this case, the combustion center of gravity is set by means of varying the fuel injection, with a pressure profile in the combustion chamber being recorded by means of a sensor in order to determine the combustion center of gravity.